ABSTRACT

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1	AGREEMENT AND ATOMIC BROADCAST IN ASYNCHRONOUS
2	NETWORKS

Methods and apparatus for achieving agreement among participating network devices in an asynchronous network for deciding on a common value is disclosed, whereby the common value is validated by a justification and both together satisfy a predetermined predicate. Moreover, a method for reliably broadcasting messages in an order within the asynchronous network is described. Up to one third or more of the participating network devices might be faulty in arbitrary ways.